

Structure attributes must be viewed using STN Express query preparation.

```
=> s l10 ful
FULL SEARCH INITIATED 12:01:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8353 TO ITERATE

100.0% PROCESSED      8353 ITERATIONS          85 ANSWERS
SEARCH TIME: 00.00.01

L11          85 SEA SSS FUL L10

=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003
L1          STRUCTURE UPLOADED
L2          2 S L1 FUL
L3          2 S L2 AND CAPLUS/LC
L4          STRUCTURE UPLOADED
L5          85 S L4 FUL
L6          71 S L5 AND CAPLUS/LC
L7          14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003
L8          184 S L6
L9          1 S L6 AND NECROSIS?
```

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003

L10 STRUCTURE uploaded
L11 85 S L10 FUL

```
=> s 111 not 15  
L12          0 L11 NOT L5
```

FILE 'CAPLUS' ENTERED AT 12:01:40 ON 14 APR 2003
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FILE COVERS 1907 - 14 Apr 2003 VOL 138 ISS 16
FILE LAST UPDATED: 13 Apr 2003 (20030413/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003

L1 STRUCTURE uploaded
L2 2 S L1 FUL
L3 2 S L2 AND CAPLUS/LC
L4 STRUCTURE uploaded
L5 85 S L4 FUL
L6 71 S L5 AND CAPLUS/LC
L7 14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003

L8 184 S L6

L9 1 S L6 AND NECROSIS?

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003

L10 STRUCTURE uploaded
L11 85 S L10 FUL
L12 0 S L11 NOT L5

FILE 'CAPLUS' ENTERED AT 12:01:40 ON 14 APR 2003

=> s l8 and (neurodegenerative? or stroke? or liver? or pancreatic? or ischemic? or (head trauma) or necrotic? or septic? or coronary? or gastrointestinal? or tuberclosis? or viral?)

 8912 NEURODEGENERATIVE?

 19376 STROKE?

 487120 LIVER?

 68076 PANCREATIC?

 33458 ISCHEMIC?

 90850 HEAD

 11241 TRAUMA

 683 HEAD TRAUMA
 (HEAD (W) TRAUMA)

 9654 NECROTIC?

 13547 SEPTIC?

 48192 CORONARY?

 42032 GASTROINTESTINAL?

 2 TUBERCLOSIS?

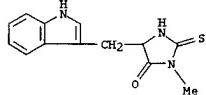
 119051 VIRAL?

L13 2 L8 AND (NEURODEGENERATIVE? OR STROKE? OR LIVER? OR PANCREATIC?
 OR ISCHEMIC? OR (HEAD TRAUMA) OR NECROTIC? OR SEPTIC? OR
CORONAR
 Y? OR GASTROINTESTINAL? OR TUBERCLOSIS? OR VIRAL?)

=> d 1-2 ibib abs hitstr

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:300459 CAPLUS
 DOCUMENT NUMBER: 134:320879
 TITLE: Small molecule inhibitors of necrosis
 INVENTOR(S): Yuan, Junying; Degterev, Alexei; Mitchison,
 Timothy
 PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

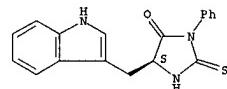
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001028493	A2	20010426	WO 2000-US28475	200001013
WO 2001028493	A3	20010607		
W: CA, JP RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRIORITY APPLN. INFO.:			US 1999-159660P P 19991015	
			US 2000-174749P P 20000106	
OTHER SOURCE(S): MARPAT 134:320879				
AB The invention features methods for decreasing necrosis. The invention also features methods for treating a subject with a condition in which necrosis occurs. The invention further features chem. compds. used to decrease necrosis.				
IT 4311-88-0 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (small mol. inhibitors of necrosis in relation to intracellular target)				
RN 4311-88-0 CAPLUS CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-methyl-2-thioxo- (9CI) (CA INDEX NAME)				



L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1984:31688 CAPLUS
 DOCUMENT NUMBER: 100:31688
 TITLE: Separation of phenylthiohydantoin-amino acids by high-performance liquid chromatography
 AUTHOR(S): Pucci, Pietro; Sannia, Giovanni; Marino, Gennaro
 CORPORATE SOURCE: Ist. Chim. Org. Biol., Univ. Napoli, Naples,
 I-80134, Italy
 SOURCE: Journal of Chromatography (1983), 270, 371-7
 CODEN: JOCRAM; ISSN: 0021-9673
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Phenylthiohydantoin-amino acids were sep'd. by HPLC on an Ultrasphere ODS (5 .mu.m, 4.6 .times. 250 mm) column; UV detection was at 254 nm. Gradient elution with NaOAc buffer (pH 4.85) and MeCN was at 1.5 mL/min at 35.degree.. The practical application of this method is shown by the sequence anal. of bovine pancreatic RNase. Peaks of phenylthiohydantoin-amino acids were well sep'd. from background peaks, and a high signal/noise ratio was achieved in the chromatogram of 10% of the sample at the 20th cycle of a 15-nmol anal.

IT 29635-97-0
RL: AN (Analyte); ANST (Analytical study)
CN chromatog. of, reversed-phase high-performance liq.)
RN 29635-97-0 CAPLUS
CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-phenyl-2-thioxo-, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003

L1 STRUCTURE UPLOADED
L2 2 S L1 FUL
L3 2 S L2 AND CAPLUS/LC
L4 STRUCTURE UPLOADED
L5 85 S L4 FUL
L6 71 S L5 AND CAPLUS/LC
L7 14 S L5 NOT L6

FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003

L8 184 S L6
L9 1 S L6 AND NECROSIS?

FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003

L10 STRUCTURE UPLOADED
L11 85 S L10 FUL
L12 0 S L11 NOT L5

FILE 'CAPLUS' ENTERED AT 12:01:40 ON 14 APR 2003

L13 2 S L8 AND (NEURODEGENERATIVE? OR STROKE? OR LIVER? OR PANCREATIC)

=> s l8 and (zVAD-fmk or TNF?)
 424 ZVAD
 1231 FMK
 340 ZVAD-FMK
 (ZVAD(W) FMK)
 42865 TNF?
L14 0 L8 AND (ZVAD-FMK OR TNF?)

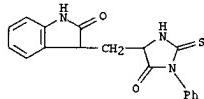
=> s l8 and (zVAD(l)fmk or TNF?)
 424 ZVAD
 1231 FMK
 347 ZVAD(L) FMK
 42865 TNF?
L15 0 L8 AND (ZVAD(L) FMK OR TNF?)

=> s l8 and (TNF?)
 42865 TNF?
L16 0 L8 AND (TNF?)

=> s l8 and (DMSO?)
 38601 DMSO?
L17 2 L8 AND (DMSO?)

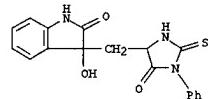
=> d 1-2 ibib abs hitstr

L17 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1979:606563 CAPLUS
 DOCUMENT NUMBER: 91:206563
 TITLE: The identification of tryptophan residues in proteins
 sequence as oxidized derivatives during amino acid determinations
 AUTHOR(S): Inglis, Adam S.; Rivett, Donald E.; McMahon, David T.
 W.
 CORPORATE SOURCE: Div. Protein Chem., CSIRO, Parkville, 3052, Australia
 SOURCE: FEBS Letters (1979), 104(1), 115-18
 CODEN: FEBELA; ISSN: 0014-5793
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Four common tryptophan oxidn. products kynurenone, oxindolyl-3-alanine,
 (I) dioxindolyl-3-alanine and 3.alpha.-hydroxy-1,2,3,3a,8,8a-hexahydrotryptolo (2,3,6)-indole-2-carboxylic acid were prep'd. and converted to the resp. phenylthiohydantoins (PTH). These PTH derivs. gave strong purple colors when sprayed and heated at 100.degree. with ninhydrin-collidine followed by copper nitrate and were sepd. from PTH of the common amino acids by thin-layer chromatog. The tryptophan in peptide Ala-Gly-Trp-Leu was converted to I by treatment with DMSO and 12M HCl at room temp. for 14 min, as was the tryptophan in apomyoglobin.
 IT 71924-15-7 71924-17-9
 RL: ANST (Analytical study)
 (in amino acid sequence detn., tryptophan oxidn. in relation to)
 RN 71924-15-7 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-[{(5-oxo-1-phenyl-2-thioxo-4-imidazolidinyl)methyl}- (9CI) (CA INDEX NAME)

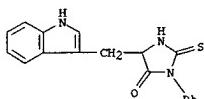


RN 71924-17-9 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-hydroxy-3-{[(5-oxo-1-phenyl-2-thioxo-4-imidazolidinyl)methyl]-} (9CI) (CA INDEX NAME)

L17 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)



L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1973:70867 CAPLUS
 DOCUMENT NUMBER: 78:70867
 TITLE: Temperature and solvent effects on the NMR spectra of phenylthiohydantoins
 AUTHOR(S): Bouguerra, Mohamed Larbi; Baklouti, Ahmed
 CORPORATE SOURCE: Dep. Chim., Fac. Sci. Math., Phys. Nat., Tunis, Tunisia
 SOURCE: Comptes Rendus des Seances de l'Academie des Sciences, Serie C: Sciences Chimiques (1972), 275(7), 419-22
 CODEN: CHDCAQ; ISSN: 0567-6541
 DOCUMENT TYPE: Journal
 LANGUAGE: French
 GI For diagram(s), see printed CA Issue.
 AB N-H signals of amino acid phenylthiohydantoin I [R = CH₂CHMe₂, CH₂Ph, CH₂OH, CH(OH)Me, CH₂CH₂Me, 3-indolylmethyl] were displaced upfield and broadened by a solvent change from DMSO-d₆ to acetone-d₆. Temp. increases of 80.0°C induced upfield shifts averaging 30 Hz.
 IT 5789-24-2
 RL: PRP (Properties)
 (nmr of, solvent and temp. shifts in)
 RN 5789-24-2 CAPLUS
 CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-phenyl-2-thioxo- (9CI) (CA INDEX NAME)



=> s 18 and TNF
41966 TNF
L18 0 L8 AND TNF

=> s TNF?
L19 42865 TNF?

=> d 101 ibib abs

L19 ANSWER 101 OF 42865 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:262498 CAPLUS
TITLE: Gabexate mesilate, a synthetic protease
inhibitor, inhibits lipopolysaccharide-induced tumor
necrosis factor-.alpha. production by inhibiting
activation of both nuclear factor-.kappa.B and activator
protein-1 in human monocytes
AUTHOR(S): Yuksei, Mehtap; Okajima, Kenji; Uchiba,
Mitsuhiko
CORPORATE SOURCE: Okabe, Hiroaki
University Department of Laboratory Medicine, Kumamoto
School of Medicine, Kumamoto, Japan
SOURCE: Journal of Pharmacology and Experimental
Therapeutics (2003), 305(1), 298-305
PUBLISHER: American Society for Pharmacology and
Experimental Therapeutics
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Gabexate mesilate, a synthetic protease inhibitor, was shown to be effective in treating patients with sepsis-assoc'd. disseminated intravascular coagulation in which tumor necrosis factor-.alpha. (TNF-.alpha.) plays a crit. role. We demonstrated that gabexate mesilate reduced lipopolysaccharide (LPS)-induced tissue injury by inhibiting TNF-.alpha. prodn. in rats. In the present study, we analyzed the mechanism(s) by which gabexate mesilate inhibits LPS-induced TNF-.alpha. prodn. in human monocytes in vitro. Gabexate mesilate inhibited the prodn. of TNF-.alpha. in monocytes stimulated with LPS. Gabexate mesilate inhibited both the binding of nuclear factor-.kappa.B (NF-.Kappa.B) to target sites and the degrdn. of inhibitory .kappa.B.alpha.. Gabexate mesilate also inhibited both the binding of activator protein-1 (AP-1) to target sites and the activation of mitogen-activated protein kinase pathways. These observations strongly suggest that gabexate mesilate inhibited LPS-induced TNF-.alpha. prodn. in human monocytes by inhibiting activation of both NF-.Kappa.B and AP-1. Inhibition of TNF-.alpha. prodn. by gabexate mesilate might explain at least partly its therapeutic effects in animals given LPS and those in patients with sepsis.

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	63.50	550.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.26	-3.91

STN INTERNATIONAL LOGOFF AT 12:06:38 ON 14 APR 2003

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STRUCTURE FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2
DICTIONARY FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the H/Z/CA/CAplus files between 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches during this period, either directly appended to a CAS Registry Number or by qualifying an L-number with /P, may have yielded incomplete results. As of 1/23/02, the situation has been resolved. Also, note that searches conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files incorporating CAS Registry Numbers with the P indicator between 12/27/01 and 1/23/02, are encouraged to re-run these strategies. Contact the CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698, worldwide, or send an e-mail to help@cas.org for further assistance or to receive a credit for any duplicate searches.

```
=> s l11 ful
FULL SEARCH INITIATED 11:53:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      598 TO ITERATE
```

100.0% PROCESSED	598 ITERATIONS	20 ANSWERS
SEARCH TIME:	00.00.01	

L14 20 SEA SSS FUL L11

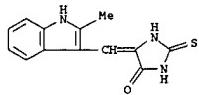
```
=> s l14 and caplus/lc
      20517828 CAPLUS/LC
L15                15 L14 AND CAPLUS/LC
```

```
=> s l15 not l14
L16                0 L15 NOT L14
```

```
=> s l14 not l15
L17                5 L14 NOT L15
```

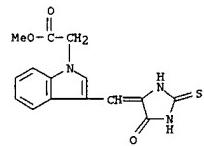
```
=> d 1-5
```

L17 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 374703-78-3 REGISTRY
CN 4-imidazolidinone, 5-[(2-methyl-1H-indol-3-yl)methylene]-2-thioxo-(9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C13 H11 N3 O S
SR Chemical Library



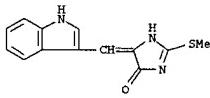
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 355825-17-1 REGISTRY
CN 1H-Indole-1-acetic acid,
3-[(5-oxothioxo-4-imidazolidinylidene)methyl]-
3-oxo-1-methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H13 N3 O3 S
SR Chemical Library
LC STN Files: CHEMCATS



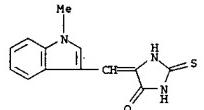
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 353484-64-7 REGISTRY
CN 4H-Imidazol-4-one,
1,5-dihydro-5-(1H-indol-3-ylmethylene)-2-(methylthio)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H11 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



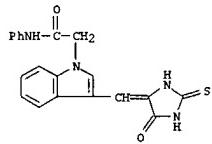
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 340177-38-0 REGISTRY
CN 4-Imidazolidinone, 5-[(1-methyl-1H-indol-3-yl)methylene]-2-thioxo-(9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C13 H11 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 332849-28-2 REGISTRY
CN 1H-Indole-1-acetamide,
3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-N-
phenyl (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H16 N4 O2 S
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6
DICTIONARY FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

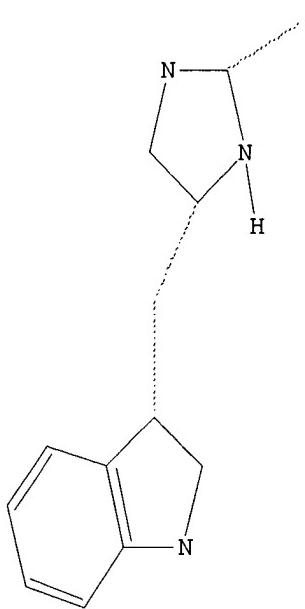
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> Uploading 09688015.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 ful
FULL SEARCH INITIATED 11:58:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1602 TO ITERATE

100.0% PROCESSED      1602 ITERATIONS          2 ANSWERS
SEARCH TIME: 00.00.01

L2          2 SEA SSS FUL L1

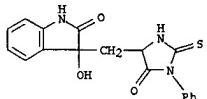
=> s l2 and caplus/lc
      27419509 CAPPLUS/LC
L3          2 L2 AND CAPPLUS/LC

=> d 1-2
```

```

L3 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 71924-17-9 REGISTRY
CN 2H-Indol-2-one, 1,3-dihydro-3-hydroxy-3-[(5-cxo-1-phenyl-2-thioxo-4-
imidazolidinyl)methyl]- (9CI) (CA INDEX NAME)
FS 31 CONCORD
MF C18 H15 N3 O3 S
LC STN Files: CA, CAPLUS

```



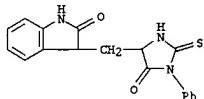
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

```

L3 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 7194-15-7 REGISTRY
CN 2H-Indol-2-one, 1,3-dihydro-3-[(5-oxo-1-phenyl-2-thioxo-4-
imidazolinyl)methyl]- (9CI) (CA INDEX NAME)
FS 30 CONCORD
MF C18 H15 N3 O2 S
LC STN Files: CA, CAPLUS

```



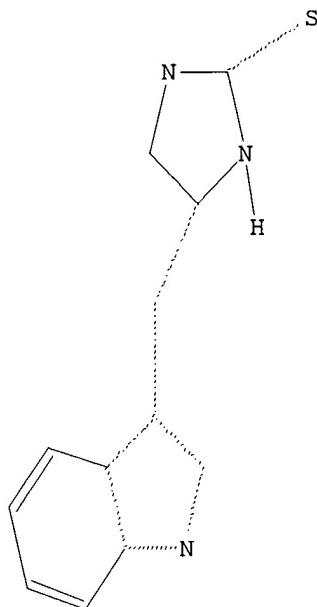
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

```
=>  
Uploading 09688015.str
```

```
L4      STRUCTURE UPLOADED
```

```
=> d  
L4 HAS NO ANSWERS  
L4      STR
```



```
Structure attributes must be viewed using STN Express query preparation.
```

```
=> s l4 ful  
FULL SEARCH INITIATED 11:59:29 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1602 TO ITERATE
```

```
100.0% PROCESSED      1602 ITERATIONS          85 ANSWERS  
SEARCH TIME: 00.00.01
```

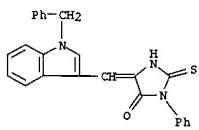
```
L5      85 SEA SSS FUL L4
```

```
=> s 15 and caplus/lc  
      27419509 CAPPLUS/LC  
L6      71 L5 AND CAPPLUS/LC
```

```
=> s 15 not 16  
L7      14 L5 NOT L6
```

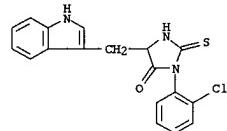
```
=> d 1-14
```


L7 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 497835-50-4 REGISTRY
CN 4-Imidazolidinone,
3-phenyl-5-[(1-(phenylmethyl)-1H-indol-3-yl)methylene]-
2-thioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H19 N3 O S
SR Chemical Library



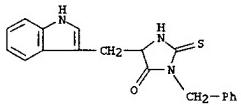
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 2 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 494747-65-8 REGISTRY
CN 4-Imidazolidinone,
3-(2-chlorophenyl)-5-(1H-indol-3-ylmethyl)-2-thioxo-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H14 Cl N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



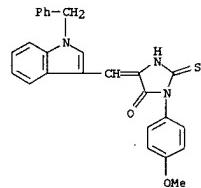
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 471917-51-8 REGISTRY
CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-(phenylmethyl)-2-thioxo-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H17 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



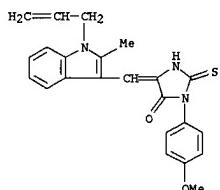
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 4 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 431916-65-3 REGISTRY
CN 4-Imidazolidinone,
3-(4-methoxyphenyl)-5-[(1-(phenylmethyl)-1H-indol-3-
yl)methylene]-2-thioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H21 N3 O2 S
SR Chemical Library

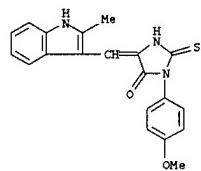


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 431915-14-9 REGISTRY
CN 4-Imidazolidinone,
3-(4-methoxyphenyl)-5-[(2-methyl-1-(2-propenyl)-1H-indol-3-yl)methylene]-2-thioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H21 N3 O2 S
SR Chemical Library



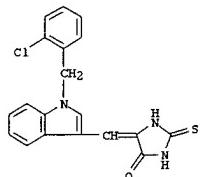
L7 ANSWER 6 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 431066-77-2 REGISTRY
CN 4-Imidazolidinone, 3-(4-methoxyphenyl)-5-[(2-methyl-1H-indol-3-yl)methylene]-2-thioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H17 N3 O2 S
SR Chemical Library



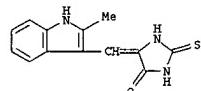
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 7 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 401596-67-6 REGISTRY
CN 4-Imidazolidinone,
5-[(1-[(2-chlorophenyl)methyl]-1H-indol-3-yl)methylene]-
2-thioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H14 Cl N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



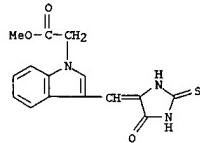
L7 ANSWER 8 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 374703-78-3 REGISTRY
CN 4-Imidazolidinone, 5-[(2-methyl-1H-indol-3-yl)methylene]-
2-thioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H11 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

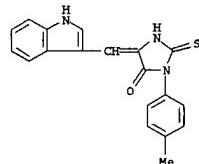
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 9 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 355825-17-1 REGISTRY
CN 1H-Indole-1-acetic acid,
3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-
, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H13 N3 O3 S
SR Chemical Library
LC STN Files: CHEMCATS



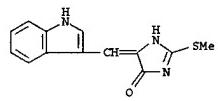
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 10 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 354119-84-9 REGISTRY
CN 4-Imidazolidinone,
5-(1H-indol-3-ylmethylen)-3-(4-methylphenyl)-2-thioxo-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H15 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



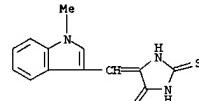
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 11 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 353484-64-7 REGISTRY
CN 4H-Imidazol-4-one,
1,5-dihydro-5-(1H-indol-3-ylmethylene)-2-(methylthio)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H11 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



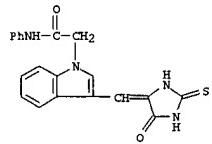
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 12 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 340177-38-0 REGISTRY
CN 4-Imidazolidinone, 5-[(1-methyl-1H-indol-3-yl)methylene]-2-thioxo-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H11 N3 O S
SR Chemical Library
LC STN Files: CHEMCATS



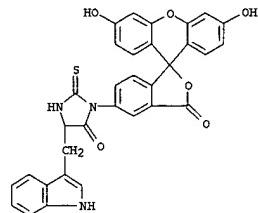
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 13 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 332849-28-2 REGISTRY
CN 1H-Indole-1-acetamide,
3-[(5-oxo-2-thioxo-4-imidazolidinylidene)methyl]-N-
phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H16 N4 O2 S
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 14 OF 14 REGISTRY COPYRIGHT 2003 ACS
RN 47830-01-3 REGISTRY
CN 4-imidazolidinone,
3-(3',6'-dihydroxy-3-oxospiro(isobenzofuran-1(3H),9'-
[9H]xanthene)-5-(1H-indol-3-ylmethyl)-2-thioxo- (9CI) (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN Spiro[isobenzofuran-1(3H),9'-[9H]xanthene], 4-imidazolidinone deriv.
FS 3D CONCORD
MF C32 H21 N3 O6 S
C1 COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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COST IN U.S. DOLLARS
          SINCE FILE      TOTAL
          ENTRY        SESSION
FULL ESTIMATED COST           332.02      332.23
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FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 14 Apr 2003 VOL 138 ISS 16
FILE LAST UPDATED: 13 Apr 2003 (20030413/ED)
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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> d his
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(FILE 'HOME' ENTERED AT 11:57:49 ON 14 APR 2003)
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FILE 'REGISTRY' ENTERED AT 11:57:56 ON 14 APR 2003
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L1           STRUCTURE UPLOADED
L2           2 S L1 FUL
L3           2 S L2 AND CAPLUS/LC
L4           STRUCTURE UPLOADED
L5           85 S L4 FUL
L6           71 S L5 AND CAPLUS/LC
L7           14 S L5 NOT L6
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FILE 'CAPLUS' ENTERED AT 11:59:54 ON 14 APR 2003
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L8           184 L6
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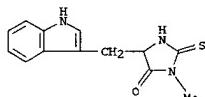
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=> s 16 and necrosis?
          184 L6
          81307 NECROSIS?
L9           1 L6 AND NECROSIS?
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L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001300459 CAPLUS
DOCUMENT NUMBER: 134:320879
TITLE: Small molecule inhibitors of necrosis
INVENTOR(S): Yuan, Junying; Degterev, Alexei; Mitchison,
Timothy
PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA
SOURCE: PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001028493	A2	20010426	WO 2000-US28475	200001013
WO 2001028493	A3	20010607		

NL RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL PT, SE
PRIORITY APPN. INFO.: US 1999-159668P P 19991015
US 2000-174749P P 200000106
OTHER SOURCE(S): MARPAT 134:320879
AB The invention features methods for decreasing necrosis. The
invention also features methods for treating a subject with a
condition in
which necrosis occurs. The invention further features chem.
compds. used to decrease necrosis.
IT 4311-88-0 NL: BAC (Biological activity or effector, except adverse); BSU
(Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological
study); USES
(Uses)
(small mol. inhibitors of necrosis in relation to
intracellular target)
RN 4311-88-0 CAPLUS
CN 4-Imidazolidinone, 5-(1H-indol-3-ylmethyl)-3-methyl-2-thioxo- (9CI)
(CA
INDEX NAME)



```
=> fil reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY           SESSION
FULL ESTIMATED COST          7.09            339.32

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY           SESSION
CA SUBSCRIBER PRICE          -0.65           -0.65
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FILE 'REGISTRY' ENTERED AT 12:01:04 ON 14 APR 2003
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Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6
 DICTIONARY FILE UPDATES: 13 APR 2003 HIGHEST RN 502841-39-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
 PROPERTIES for more information. See STNote 27, Searching Properties
 in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=>
Uploading 09688015.str
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L10 STRUCTURE UPLOADED

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=> d
L10 HAS NO ANSWERS
L10      STR
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Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID: ssspta1626amd

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on
STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 28 Mar 20 EVENTLINE will be removed from STN
NEWS 29 Mar 24 PATDPAFULL now available on STN
NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS 32 Apr 11 Display formats in DGENE enhanced
NEWS 33 Apr 14 MEDLINE Reload

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information